

## ABSTRACT OF THE DISCLOSURE

Apparatus, methods, data structures, and systems are provided for subdividing input data associated with a first software program into job quanta, wherein each job quantum is operable to be executed by a separate software program residing on a different processing element from the first software program. The first software program and the separate software program execute substantially in parallel and output data associated with the executions of the programs are assembled into a single coherent presentation or results data. Moreover, the software programs may be threaded or non-threaded.

"Express Mail" mailing label number: EL671642636US

Date of Deposit: August 20, 2001

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